

MAILED
10-24-03 jh

Judy Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.state.mt.us

October 23, 2003

Mr. John Rundquist
Public Works Director
City of Helena
316 North Park Avenue
Helena, MT 59623

Dear Mr. Rundquist:

The Solid Waste Program received the September, 2003, groundwater monitoring results on October 22, 2003. It was assigned to Patricia Potts for review. I anticipate that you will receive a response from Ms. Potts within 90 days.

If you have any questions on the review status or the results, please contact Ms. Potts directly at 406-444-0538, or by email at ppotts@state.mt.us. If you have any other issues or questions, please contact me at 406-444-5345, or at rithompson@state.mt.us.

Sincerely

Rick Thompson for

Rick Thompson, Supervisor
Waste Management Section
Community Services Bureau

MAILED



Montana Department of
ENVIRONMENTAL QUALITY

MAILED

10-20-03 *JH*

Judy Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.state.mt.us

October 17, 2003

Mr. John Rundquist
Public Works Director
City of Helena
316 North Park Avenue
Helena, MT 59623

Dear Mr. Rundquist:

The Solid Waste Program received the March and June, 2003 groundwater statistical evaluation on October 16, 2003. It was assigned to Patricia Potts for review. I anticipate that you will receive a response from Ms. Potts within 90 days.

If you have any questions on the review status or the results, please contact Ms. Potts directly at 406-444-0538, or by email at ppotts@state.mt.us. If you have any other issues or questions, please contact me at 406-444-5345, or at rithompson@state.mt.us.

Sincerely

Rick Thompson
Rick Thompson, Supervisor
Waste Management Section
Community Services Bureau

MAILED

Department of
ENVIRONMENTAL QUALITY

San Jose, California

P.O. Box 38000 • San Jose, CA 95138-0000 • (408) 299-1000 • FAX (408) 299-1001

October 1, 1992

Mr. John Smith
Santa Clara County
1000 West
San Jose, CA 95128
Dear Mr. Smith:

Dear Mr. Smith:

The Santa Clara County Board of Supervisors has adopted a resolution on October 1, 1992, to assign a representative to the Santa Clara County Board of Supervisors to represent the County in the Santa Clara County Board of Supervisors.

If you have any questions on the status of the County Board of Supervisors, please contact the Santa Clara County Board of Supervisors at (408) 299-1000. If you have any other questions, please contact the Santa Clara County Board of Supervisors at (408) 299-1000.

Sincerely,

John Smith
Santa Clara County
County Board of Supervisors



Montana Department of
ENVIRONMENTAL QUALITY

MAILED

10-06-03 gh

Judy Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.state.mt.us

October 6, 2003

John Rundquist
City of Helena
316 North Park
Helena, Montana 59623

**RE: LEWIS & CLARK COUNTY, CITY OF HELENA CLASS II (CLOSED)
LANDFILL – LICENSE NO. 90**
GROUND WATER MONITORING – RECEIPT AND REVIEW OF THE JUNE 2003
SAMPLING EVENT.

Dear Mr. Rundquist:

The Department has reviewed the data from the June 2003, ground water monitoring event conducted at the City of Helena (closed) Landfill. In general, chemical contaminant concentrations (volatile organic compounds) have decreased since the December 2002 sampling event. It does appear the new construction and roadwork in this vicinity has taken its toll on the natural ground water quality.

This submittal meets the requirements of the Administrative Rules of Montana Title 17, Chapter 50, Subchapter 7.

I may be contacted at the Permitting and Compliance Division, Community Services Bureau, Waste Management Section, phone (406)444-0538.

Sincerely,

Pat Potts
Environmental Specialist– Solid Waste Program

cc: Jodi Bingham, Hydrometrics, Inc., Helena, MT

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MAILED

ENVIRONMENTAL QUALITY
Department of Environment & Planning

1000 North Capitol Avenue

San Francisco, CA 94133-9600 • Phone: (415) 774-1234 • Fax: (415) 774-1235 • www.epd.ca.gov

January 1, 2003

John R. ...
City of ...
100 ...
San Francisco, CA 94102

RE: LEOIS & CLARK COUNTY, CITY OF HELIX CLASS II (CLOSED)
LAWYER - LICENSE NO. 20
GROUND & AIR MONITORING - RECEIPT AND REVIEW OF THE DATA
SAMPLING EVENT

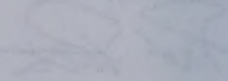
Dear Mr. ...:

The Department has reviewed the data from the Jan 1, 2003, ground water sampling event conducted at the City of Helix (Leach) in general, shallow groundwater monitoring (volatile organic compounds) have decreased since the December 2002 sampling event. It does appear the new construction and roadway in this vicinity has taken its toll on the natural ground water quality.

The subsequent meeting has been scheduled at the Administration Building on January 1, 2003, at 10:00 AM.

I have been contacted by the Permitting and Compliance Division, Community Services Bureau, Water Management Section, phone (415) 444-0315.

Sincerely,



Pat ...

Environmental Specialist - Solid Waste Program

1000 North Capitol Avenue, San Francisco, CA 94133

and Mr. ...

INITIALS 9/26/03 DATE 3
SW OUTGOING CORRESPONDENCE

NEW APPLICATION

Initial / Date

Janet H

Rick T

HAC

INSPECTIONS

Initial / Date

Pat C

Janet H

Rick T

HAC

CLOSURES

Initial / Date

Pat C

Janet H

Rick T

HAC

FEES

Initial / Date

Janet H

Rick T

HAC

COMPLAINTS

Initial / Date

Pat C

Janet H

Rick T

HAC

GROUND WATER

Initial / Date

Pat C

Janet H

Rick T

GEN CORRESPONDENCE

Initial / Date

Pat C

Janet H

Rick T

MISCELLANEOUS

Initial / Date

Lewis & Clark Co
City of Helena #90
grd wtr mon (corresp)

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Montana Department of
ENVIRONMENTAL QUALITY

90
MAILED

9-28-03 JH

Judy H. Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.state.mt.us

September 3, 2003

Mr. John Rundquist
City of Helena
316 North Park Avenue
Helena, MT 59023

Subject: City of Helena Landfill - Quarterly Ground Water Monitoring Schedule.

Dear Mr. Rundquist;

The Solid Waste Program received your Ground Water Monitoring Schedule on September 2, 2003. It was assigned to Ms. Pat Potts for review. I anticipate that you will receive a response from Pat within seven (7) days.

If you have any questions on the status of the review, please contact Pat at 406-444-0358 or by email at, ppotts@state.mt.us. If you have any other questions please contact me at 406-444-5345, or at rithompson@state.mt.us.

Sincerely,

Rick Thompson, Supervisor
Waste Management Section
Community Service Bureau

CityofHelenaGWsch.doc

MAILED



Montana Department of
ENVIRONMENTAL QUALITY

MAILED
8-27-03 gh

Judy Martz, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.state.mt.us

August 25, 2003

Mr. John Rundquist
City of Helena
316 North Park Avenue
Helena, MT 59023

Subject: City of Helena Landfill - June 2003 Ground Water Monitoring Report

Dear Mr. Rundquist;

The Solid Waste Program received your June 2003 Ground Water Monitoring Report on August 18, 2003. It was assigned to Ms. Pat Potts for review. I anticipate that you will receive a response from Pat within ninety (90) days.

If you have any questions on the status of the review, please contact Pat at 406-444-0358 or by email at, ppotts@state.mt.us. If you have any other questions please contact me at 406-444-5345, or at rithompson@state.mt.us.

Sincerely,

Rick Thompson, Supervisor
Waste Management Section
Community Service Bureau

MAILED

Environmental Quality
Department of

August 18, 2003

Mr. John R. ...
City of ...
310 North Park Avenue
Boston, MA 02118

Subject: City of Boston Landfill - June 2003 Ground Water Monitoring Report

Dear Mr. ...:

The State Water Resources Institute (SWRI) is pleased to provide you with this report. I anticipate that you will receive a response from the SWRI regarding the results of the monitoring.

If you have any questions or need further information, please contact the SWRI at 408-444-0175 or by email at info@swri.org. If you have any other questions, please contact the SWRI at 408-444-0175.

Sincerely,

[Signature]
John R. ...
State Water Resources Institute
Community Science Center

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**STATISTICAL EVALUATION OF SEPTEMBER
2003 AND DECEMBER 2003 GROUNDWATER
QUALITY DATA**

MARCH 2004

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 5**

RECEIVED 4/8/2004

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**RESULTS OF DECEMBER 2003
GROUNDWATER SAMPLING**

MARCH 2004

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 5**

RECEIVED 3/5/2004



Hydrometrics, Inc.

consulting scientists and engineers

3020 Bozeman Avenue
Helena, MT 59601
(406) 443-4150
Fax: (406) 443-4155
www.hydrometrics.com

Lewis + Clark Co
City of Helena #90
and with mon (collect)

RECEIVED

NOV 26 2003

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

November 25, 2003

Ms. Pat Potts
Montana Department of Environmental Quality
Permitting and Compliance Division
WMD / SWP
P.O. Box 200901
Helena, MT 59620

Dear Pat,

Enclosed for your review are the proposed monitoring sites and analytical schedule for the December 2003 semiannual groundwater monitoring at the Helena Landfill. There are no changes from the June 2003 sampling regime. Please call if you have any questions or comments.

Sincerely,

Jodi Bingham, P.E.
Environmental Engineer/Chemist

c: John Rundquist, City of Helena
Mike Wignot, Hydrometrics

**HELENA LANDFILL
DECEMBER 2003 SAMPLE SITE AND PARAMETER LIST**

Site Name	Parameter
Monitoring Wells ⁽¹⁾	
83-6	Table 1
HL-94-1	Table 1
I-1	Table 1 VOC's only
HL-94-2	Table 1
HL-90-3	Table 1
HL-90-3 (duplicate)	Table 1
INF. GALLERY	Table 1 VOC's only
HL-94-3	Table 1
MPC-2	Table 1 VOC's only
HL-90-2	Table 1
HL-99-3	Table 1
EPA-1	Table 1
HL-99-2	Table 1
MPC-1	Table 1
MPC-5	Table 1
HL-99-1	Table 1
I-4	Table 1 VOC's only
HL-90-1	Table 1
Residential Wells:	
5	Table 1 VOC's only
16	Table 1 VOC's only
40	Table 1 VOC's only
48	Table 1 VOC's only
52	Table 1 VOC's only
57	Table 1 VOC's only
62	Table 1 VOC's only
90	Table 1 VOC's only
Quality Control:	
Trip Blank	Table 1
Rinsate Blank	Table 1

(1) Monitoring wells are listed in the order to be sampled.

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**RESULTS OF SEPTEMBER 2003
GROUNDWATER SAMPLING**

OCTOBER 2003

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 5**

RECEIVED 10/22/2003

1941
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**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**STATISTICAL EVALUATION OF MARCH 2003
AND JUNE 2003 GROUNDWATER QUALITY
DATA**

OCTOBER 2003

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 5**

RECEIVED 10/16/2003





City of Helena

CITY OF HELENA
Public Works - Solid Waste
316 North Park Avenue
Helena, MT 59623
Telephone: 406/447-1586

September 19, 2003

RECEIVED RT

SEP 22 2003

Mr. Patrick Crowley
Solid Waste Regulatory Program Manager
P.O. Box 200901
Helena, MT 59620-0901

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

Re: License #90/Methane

Dear Mr. Crowley,

The monitoring wells that were lost during construction of the Lyndale/North Main project are scheduled to be replaced the week of September 22-26, 2003. We were also able to relocate the upstream ground water monitoring well 83-6 and found it to be in good condition. This well has been extended to the surface of the new parking lot of the Great Northern Town Center.

If you have any questions, feel free to call me at (406) 447-1566.

Sincerely,

Bill Michalson
Solid Waste/Streets Superintendent

BM:kc

90

County L+C
Facility & # Helena
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GW Corr Meas _____
GW Monitoring _____
GW Reports _____
Inspections _____
Other: _____

Landfarm
Liner
<u>Methane</u>
O & M
Run - On

Both files please

CITY OF WILMINGTON
COUNTY OF NEW CASTLE
DELAWARE
JAN 10 1964
TREASURER: J. H. HARRIS



RECEIVED

JAN 10 1964

TO THE CITY OF WILMINGTON
FROM THE COUNTY OF NEW CASTLE
DELAWARE

THE COUNTY OF NEW CASTLE
DOES HEREBY CERTIFY THAT
THE SUM OF \$10,000.00
HAS BEEN PAID TO THE CITY OF WILMINGTON

FOR THE YEAR 1963

IN FULL PAYMENT OF

THE DEBT OF THE CITY OF WILMINGTON
FOR THE YEAR 1962 IN THE AMOUNT OF \$10,000.00
AS SET FORTH IN THE ORDER OF THE BOARD OF COUNTY COMMISSIONERS
DATED JANUARY 10, 1964.

IN WITNESS WHEREOF, THE COUNTY CLERK HAS HEREUNTO SET HIS HAND AND SEAL OF OFFICE

AT WILMINGTON, DELAWARE

JAN 10 1964

BY _____

CLERK OF THE COUNTY OF NEW CASTLE

BY _____

1964

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81
RECEIVED

August 28, 2003

SEP 02 2003

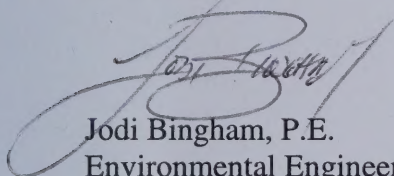
Ms. Pat Potts
Montana Department of Environmental Quality
Permitting and Compliance Division
WMD / SWP
P.O. Box 200901
Helena, MT 59620

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

Dear Pat,

Enclosed for your review are the proposed monitoring sites and analytical schedule for the September 2003 quarterly groundwater monitoring at the Helena Landfill. Well 5 is being sampled as part of the City's Action Plan for tetrachloroethene (PCE) in downgradient domestic wells. Please call if you have any questions or comments.

Sincerely,


Jodi Bingham, P.E.
Environmental Engineer/Chemist

c: John Rundquist, City of Helena
Mike Wignot, City of Helena

HYDROMETRIX 2003 SAMPLING SITE AND ANALYSIS LIST
TINIANUA LAGOON W.R.

RECEIVED
The Honorable
Honorable Wally
Honorable

Office of the Mayor
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Office of the Mayor
Honorable

**HELENA LANDFILL
SEPTEMBER 2003 SAMPLE SITE AND PARAMETER LIST**

Site Name	Parameter
Monitoring Wells ⁽¹⁾	
HL-99-3	Table 1 VOC's only
HL-99-2	Table 1 VOC's only
HL-99-1	Table 1 VOC's only
HL-90-1	Table 1 VOC's only
5	Table 1 VOC's only

(1) Wells are listed in the order to be sampled.

TABLE A.1 SEPTEMBER 2005 SITE AND PARAMETER LIST

Parameter	Station
Table 1 VOC's only	HL-90-1
Table 1 VOC's only	HL-90-2
Table 1 VOC's only	HL-90-3
Table 1 VOC's only	HL-90-4
Table 1 VOC's only	HL-90-5

HL-90-6 and HL-90-7 are not listed.

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**RESULTS OF JUNE 2003 GROUNDWATER
SAMPLING**

AUGUST 2003

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 5**

RECEIVED 8/18/2003



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County

L+C

Facility & #

Helena

Closure

Landfarm

Finan Assur

Liner

GW Corr Meas

Methane

GW Monitoring

O & M

GW Reports

Run - On

Inspections

Other:



Hydrometrics, Inc.[®]
consulting scientists, engineers, and contractors

RECEIVED

jb
MAY 30 2003

MT Dept. Environmental Quality
Permitting & Compliance Division
Air & Waste Management Bureau

2727 Airport Road
Helena, MT 59601
(406) 443-4150
Fax: (406) 443-1252 E. Bldg.
(406) 443-0760 S. Bldg.
(406) 443-4155 W. Bldg.
www.hydrometrics.com

May 29, 2003

Ms. Pat Potts
Montana Department of Environmental Quality
Permitting and Compliance Division
WMD / SWP
P.O. Box 200901
Helena, MT 59620

RECEIVED

JUN 02 2003

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

Dear Pat,

Enclosed for your review are the proposed monitoring sites and analytical schedule for the June 2003 semiannual groundwater monitoring at the Helena Landfill. There are no changes from the December 2002 sampling regime. Please call if you have any questions or comments.

Sincerely,

Jodi Bingham, P.E.
Environmental Engineer/Chemist

c: John Rundquist, City of Helena
Mike Wignot, Hydrometrics

HELENA LANDFILL

JUNE 2003 SAMPLE SITE AND PARAMETER LIST

Site Name	Parameter
Monitoring Wells ⁽¹⁾	
83-6	Table 1
HL-94-1	Table 1
I-1	Table 1 VOC's only
HL-94-2	Table 1
HL-90-3	Table 1
HL-90-3 (duplicate)	Table 1
INF. GALLERY	Table 1 VOC's only
HL-94-3	Table 1
MPC-2	Table 1 VOC's only
HL-90-2	Table 1
HL-99-3	Table 1
EPA-1	Table 1
HL-99-2	Table 1
MPC-1	Table 1
MPC-5	Table 1
HL-99-1	Table 1
I-4	Table 1 VOC's only
HL-90-1	Table 1
Residential Wells:	
5	Table 1 VOC's only
16	Table 1 VOC's only
40	Table 1 VOC's only
48	Table 1 VOC's only
52	Table 1 VOC's only
57	Table 1 VOC's only
62	Table 1 VOC's only
90	Table 1 VOC's only
Quality Control:	
Trip Blank	Table 1
Rinsate Blank	Table 1

(1) Monitoring wells are listed in the order to be sampled.

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**RESULTS OF MARCH 2003 GROUNDWATER
SAMPLING**

APRIL 2003

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 5**

RECEIVED 4/17/2003

UNITED STATES
DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY

PLANT INDUSTRY

PLANT INDUSTRY, BUREAU OF PLANT INDUSTRY, DEPARTMENT OF AGRICULTURE, UNITED STATES GOVERNMENT, WASHINGTON, D. C.

PLANT INDUSTRY

PLANT INDUSTRY, BUREAU OF PLANT INDUSTRY, DEPARTMENT OF AGRICULTURE, UNITED STATES GOVERNMENT, WASHINGTON, D. C.

PLANT INDUSTRY



Hydrometrics, Inc.®

consulting scientists, engineers, and contractors

Lewis & Clark Co
City of Helena #90
groundwater mon (consult)
2727 Airport Road
Helena, MT 59601
(406) 443-4150
Fax: (406) 443-1252 E. Bldg.
(406) 443-0760 S. Bldg.
(406) 443-4155 W. Bldg.
www.hydrometrics.com

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MAR 03 2003

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

February 27, 2003

Ms. Pat Potts
Montana Department of Environmental Quality
Permitting and Compliance Division
WMD / SWP
P.O. Box 200901
Helena, MT 59620

Dear Pat,

Enclosed for your review are the proposed monitoring sites and analytical schedule for the March 2003 quarterly groundwater monitoring at the Helena Landfill. Well 5 is being sampled as part of the City's Action Plan for tetrachloroethene (PCE) in downgradient domestic wells. Please call if you have any questions or comments.

Sincerely,

Jodi Bingham, P.E.
Environmental Engineer/Chemist

c: John Rundquist, City of Helena

ORIGINAL

THESE LAMINATE
TABLETS 2003 SAMPLES AND CARBONATES LIST

TABLET NO.	TABLET NAME	TABLET TYPE
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ORIGINAL

**HELENA LANDFILL
MARCH 2003 SAMPLE SITE AND PARAMETER LIST**

Site Name	Parameter
Monitoring Wells ⁽¹⁾	
HL-99-3	Table 1 VOC's only
HL-99-2	Table 1 VOC's only
HL-99-1	Table 1 VOC's only
HL-90-1	Table 1 VOC's only
5 @ Custer + Benton?	Table 1 VOC's only

"Colvin"?

(1) Wells are listed in the order to be sampled.

